## LOW PRESSURE MERCURY VAPOR DISCHARGE LAMP

Patent number:

JP62020237

**Publication date:** 

1987-01-28

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Applicant:

PHILIPS NV

Classification:

- international:

C09K11/77; H01J61/44; H01J61/48; C09K11/77;

H01J61/38; (IPC1-7): H01J61/44

- european:

C09K11/77S6; H01J61/44; H01J61/48

Application number: JP19860163910 19860714 Priority number(s): NL19850002025 19850715

Also published as:

EP0209942 (A1) US4727283 (A1) NL8502025 (A) FI862916 (A) ES2000274 (A6)

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Abstract not available for JP62020237

Abstract of corresponding document: US4727283

A low-pressure mercury vapor discharge lamp with a luminescent layer whose emission mainly lies in three spectral ranges and whose loading amounts to at least 500 W per m2 surface area of the luminescent layer, is characterized by having an absorption layer of a luminescent aluminate activated by trivalent cerium and having a garnet crystal structure. The absorption layer permits the obtaining of low color temperatures (down to 2000 K.).

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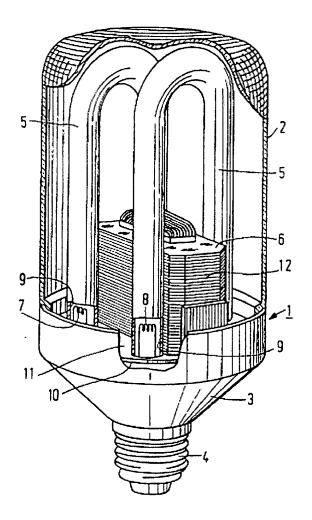


FIG.2

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